

## WASTE DISPOSING SYSTEM

Publication number: JP2004156875

Publication date: 2004-06-03

Inventor: KUME SHOICHI

Applicant: KANGEN YOYU GIJUTSU KENKYUSHO

Classification:

- International: F23M5/08; B09B3/00; F23G5/24; F23G5/44; F23G5/46;  
F27B1/22; F27D1/12; F23M5/00; B09B3/00; F23G5/24;  
F23G5/44; F23G5/46; F27B1/00; F27D1/12; (IPC1-7);  
F23M5/08; B09B3/00; F23G5/24; F23G5/46; F23M5/08;  
F27B1/22; F27D1/12

- European:

Application number: JP20020324889 20021108

Priority number(s): JP20020324889 20021108

[Report a data error here](#)

### Abstract of JP2004156875

**PROBLEM TO BE SOLVED:** To solve a problem in a conventional method utilizing the heat energy of a furnace wherein the energy loss is great as a system utilizing the heat energy, and the cost is high even through the energy is recovered, which makes the commercialization difficult.

**SOLUTION:** In a cokes bed type furnace gasification fusion furnace, a pipe and a jacket are mounted on a furnace inner face of a shell and a furnace outer face of the shell in a case when the pipe and the jacket are not applied between the shell in the furnace and a refractory, or the refractory does not exist, and the water, oil or gas such as the air and nitrogen ( $N_2$ ) is allowed to pass therebetween, to utilize the heat of the liquid or gas as the energy. Further the consumption of the refractory can be reduced by half in comparison with a conventional case, by adjusting the thermal loading.

**COPYRIGHT:** (C)2004,JPO

